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AMENDMENT UNDER 37 C.F.R. § 1.116
EXPEDITED PROCEDURE
GROUP 1774
PATENT APPLICATION

AF
11/18
(12/26/02)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
DEC 26 2002
TC 1700

In re application of

Tetsuro KAWAHARA, *et al.*

Appln. No.: 09/630,777

Group Art Unit: 1774

Confirmation No.: 8005

Examiner: Lawrence D. FERGUSON

Filed: August 2, 2000

Attorney Docket No.: Q60204

For: ARTICLE HAVING PHOTOCATALYTIC ACTIVITY

AMENDMENT UNDER 37 C.F.R. § 1.116

ATTN: BOX AF
Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 24, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please enter the following amended claim:

B1
1. An article having photocatalytic activity which comprises a substrate, a first n-type semiconductor film as a primer layer formed over a surface of the substrate, and a photocatalyst film made of an n-type semiconductor and formed on the primer layer, said first n-type semiconductor film as the primer layer (i) ~~having an energy band-gap larger than that of said~~ photocatalyst film and (ii) being an oxide semiconductor film consisting essentially of at least one metal oxide selected from the group consisting of niobium oxide and zirconium oxide.